



# Chemical Corps Vision

BG Stanley H. Lillie  
Chief of Chemical

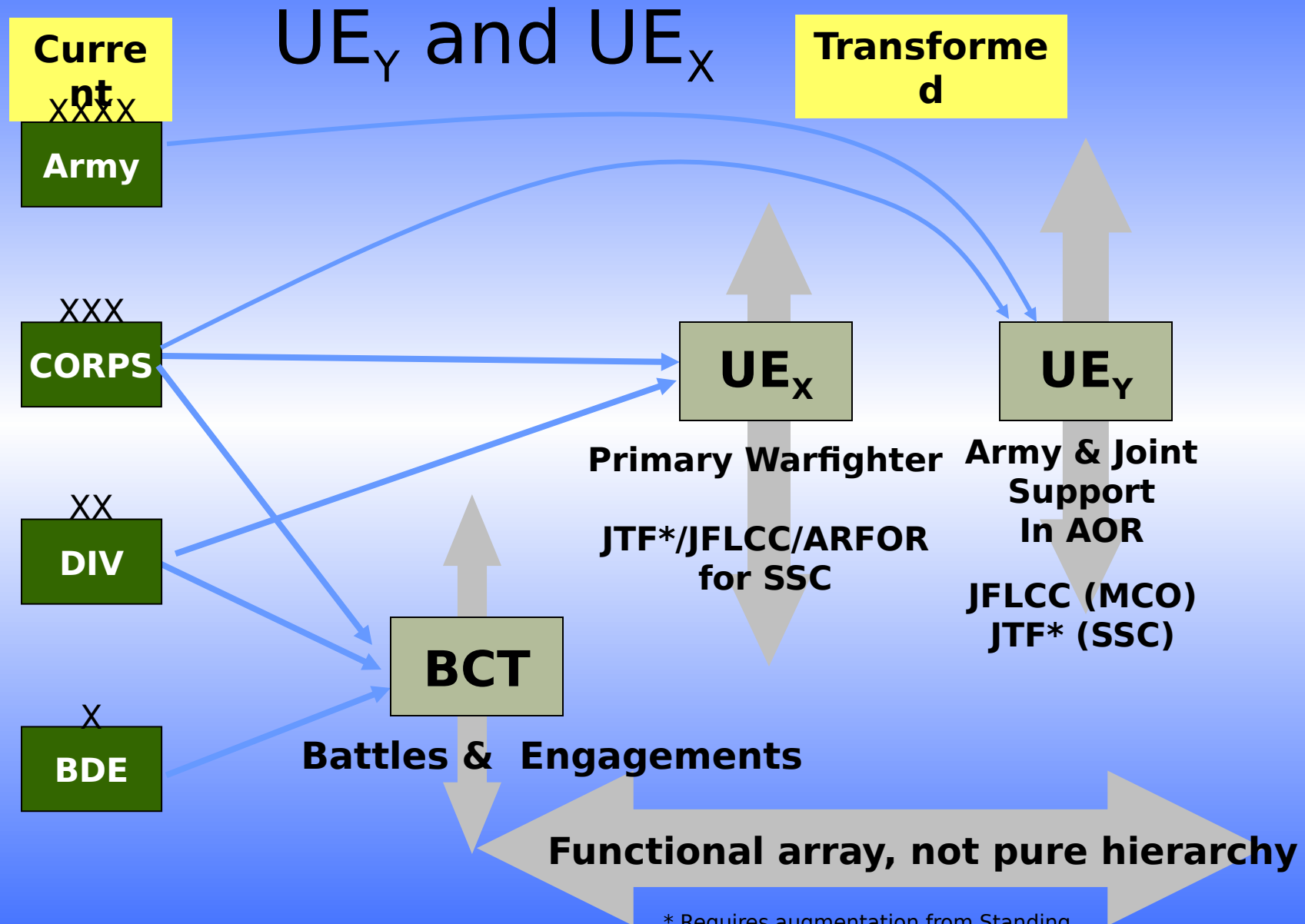


# Agenda

- **Army Transformation**
- **The Chief's Vision**
- **Where We Are**
- **The Way Ahead**



# Army Transformation



\* Requires augmentation from Standing Joint Force HQ (SJFHQ) or Joint Manning Document

# The Menu for a Modular Army

**UE<sub>y</sub>**

**Operational level land echelon; combines current corps and ASCC functions**

**UE<sub>x</sub>**

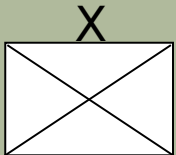
Main

TAC 1

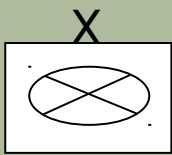
TAC 2

MCG

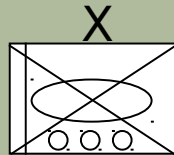
**Tactical land echelon; combines current corps and division functions**



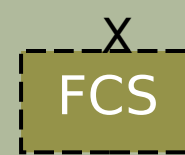
Infantry



Heavy



Stryker

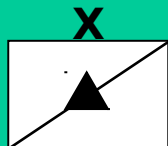


Future Force

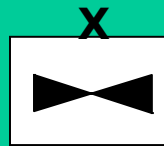
**Brigade Combat Team (BCT) - combined arms maneuver brigade. Largest “fixed” maneuver element in the Army. Base piece for design of higher echelons. Formerly Unit of Action (UA).**



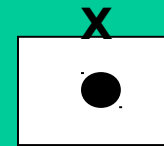
Maneuver



RSTA



Aviation



Fires



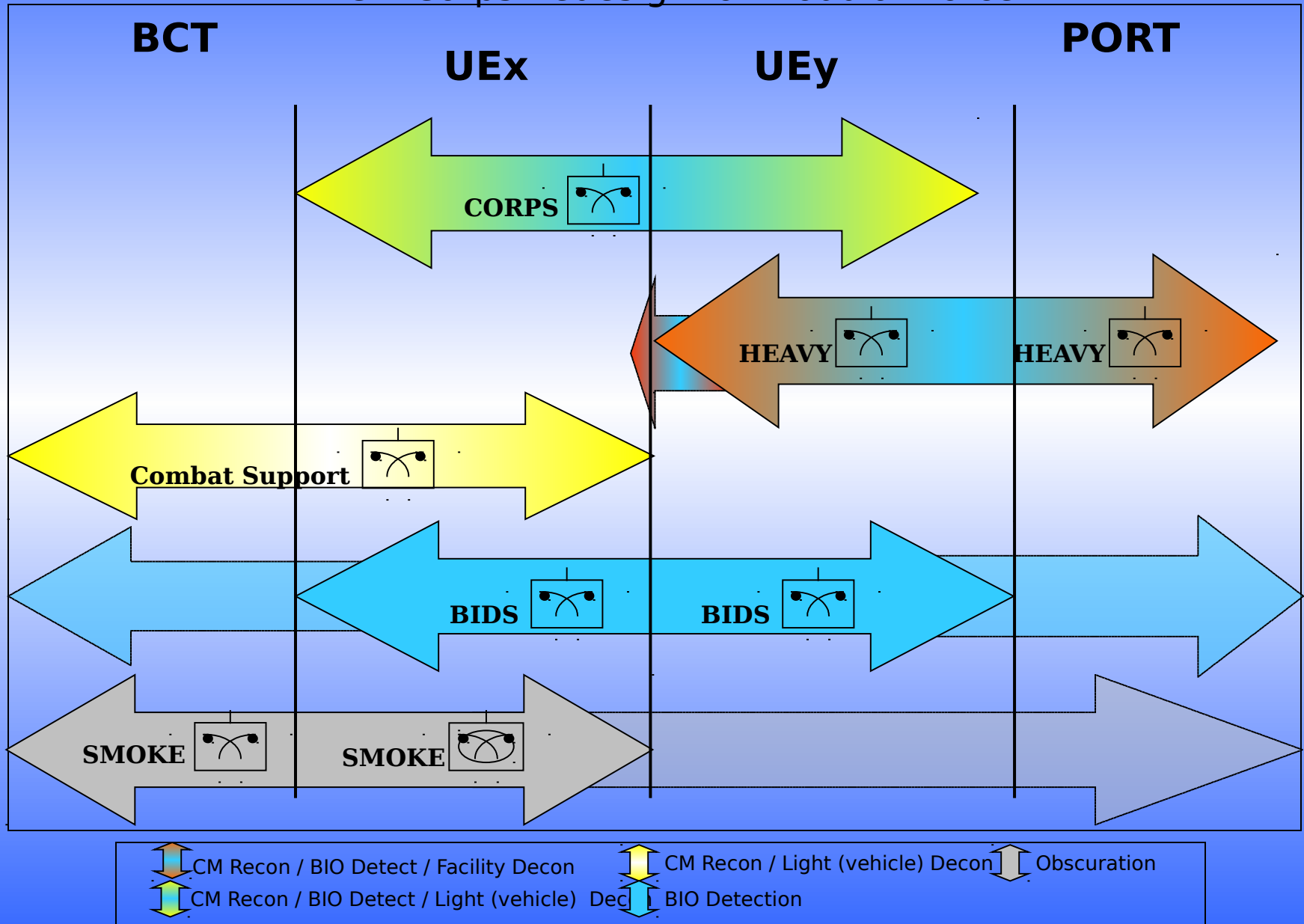
Sustainment

**Enhancement**

**Support Brigades - multifunctional brigades extend depth and duration of land operations and provide support to the UEx and maneuver brigades.**

# Chemical Company Layers of Support

CM Corps Redesign for Modular Force



# **Our Vision**

## **“Moving Our Corps into the 21<sup>st</sup> Century”**

- **An Army superbly equipped, trained and ready to fight and win unhindered by threatened or actual CBRN hazards.**
- **A Corps of professional Soldiers, tactically and technically unsurpassed, imbued with the warrior ethos.**
- **A capability, both vital and relevant, for the combatant commander, the Joint warfight and the defense of the homeland.**

**An Army superbly equipped, trained and ready to fight and win unhindered by threatened or actual CBRN hazards**

- 1. Soldiers and combat systems capable of continuous operations at 100% effectiveness while protected from CBRN hazards**
- 2. Real-time networked battlespace awareness of all CBRN hazards**
- 3. An Army of Soldiers and units confident and competent to operate in any CBRN environment - supported by a professional Corps of technically proficient warrior scientists**

# **An Army... - - Capabilities**

- **SENSE:**
  - **Detectors that identify the full range of CBRN hazards**
  - **Point detectors that provide detect to warn**
  - **Standoff detectors that provide operationally significant warning**
- **SHAPE:**
  - **A fully automated real time Networked Warning and Reporting System**
- **Integrate all Battlefield sensors into the CBRN detector network**
- **SHIELD:**
  - **Individual Protective Equipment that enhances Soldier performance**
  - **All manned systems with integrated:**
    - \* **Collective protection**
    - \* **Detection, identification, warning and self decontamination**
    - \* **Automated reporting through the network**

**An Army Superbly  
Equipped...**

# MG William L. Sibert Award

## MG WILLIAM L. SIBERT AWARD FOR EXCELLENCE



UNITED STATES ARMY CHEMICAL CORPS  
ELEMENTIS REGAMUS PROELIUM

# Active Component Winner

12th Chemical Company (HVY DIV)

Kitzingen, Germany

Company Commander - CPT Mark J. Lavin II

First Sergeant - 1SG William J.

Backscheider

HELLFIRE



12th Chemical Company



# Reserve Component Winner

**392d Chemical Company (Recon)**

**Little Rock, Arkansas**

**Company Commander - 1LT Terisa L. Liberty**

**First Sergeant - 1SG Enrique Gomez**



# MG William L. Sibert Award

MG WILLIAM L. SIBERT  
AWARD FOR EXCELLENCE



**12<sup>TH</sup> CHEMICAL COMPANY (HVY  
DIV) 2004**

UNITED STATES ARMY CHEMICAL CORPS  
ELEMENTIS REGAMUS PROELIUM

MG WILLIAM L. SIBERT  
AWARD FOR EXCELLENCE



**392<sup>D</sup> CHEMICAL COMPANY  
(RECON) 2004**

UNITED STATES ARMY CHEMICAL CORPS  
ELEMENTIS REGAMUS PROELIUM

# **A Corps of professional Soldiers, tactically and technically unsurpassed, imbued with the warrior ethos**

## **1. Warriors...**

- Trained and educated in the CBRN sciences and technologies required for the 21<sup>st</sup> Century**
- Equally competent in or out of combat**
- Equally competent in or out of a CBRN environment**

## **2. A values-based university that is the keystone to initial and lifelong education for the professional Corps...**

- Staffed by the best quality, operationally experienced cadre**
- With state-of-the-art facilities and instructional technologies**
- Fully integrated with all the Services**
- On the edge of change**

# Warriors...

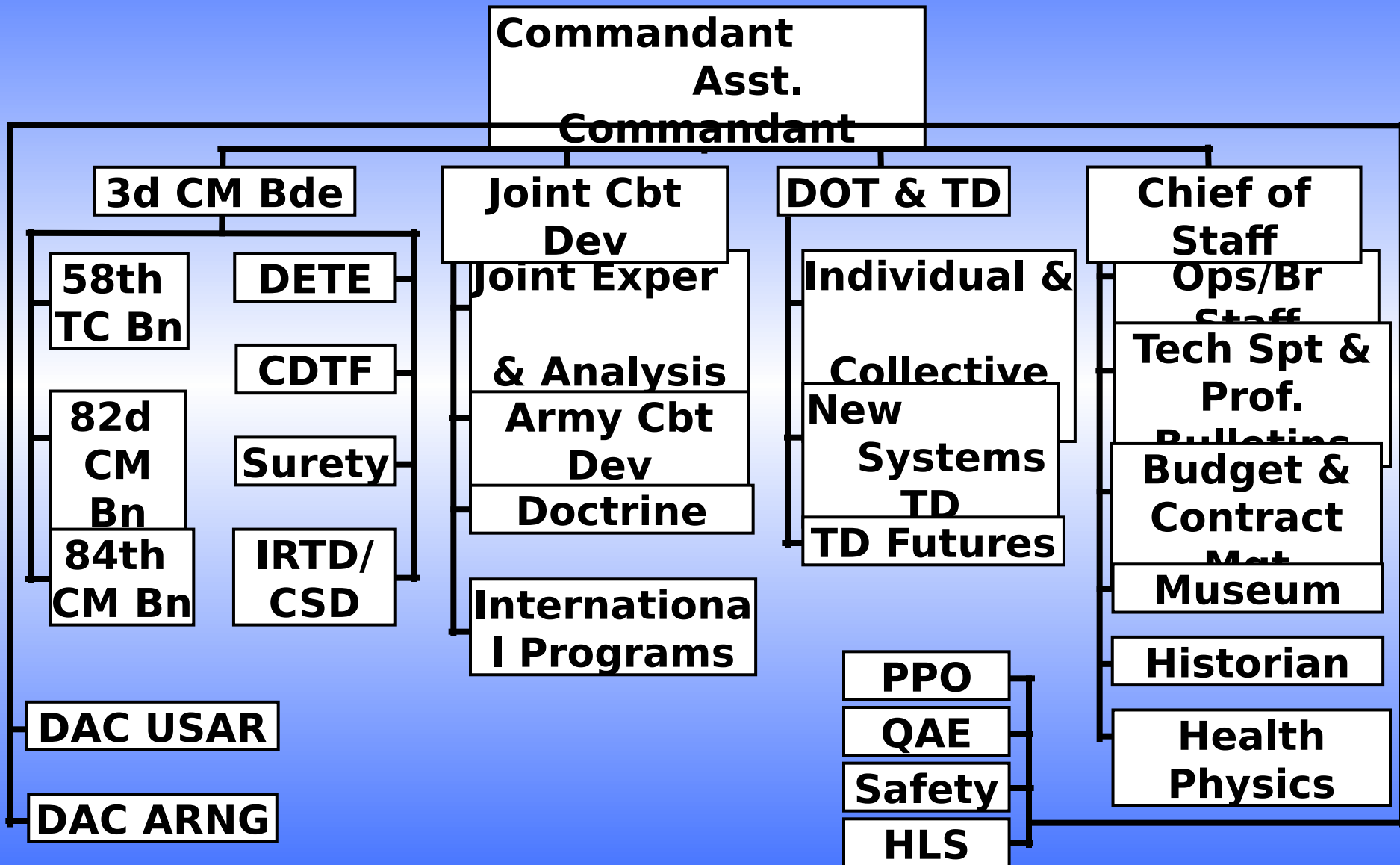
- **Accession strategy focused on attracting hard science majors to the Chemical Corps**
- **Education focused on applying 21<sup>st</sup> Century science and technology to the modern battlefield**
- **Training based on the Army Values and Warrior Ethos that develops confident and competent combat leaders**



# **Values-Based University...**

- **Revised career road maps emphasizing the importance of the Chemical School in training future leaders**
- **Live, Virtual and Constructive training**
- **Maximized Joint integration of CBRN training**
- **A robust 24/7 Reach Back capability**
- **Flexible and responsive to change in the Contemporary Operational Environment**
- **Active partnership with institutions of higher learning**

# Chemical School Reorganization



# **A Corps of Professional Soldiers...**

# **MANSCEN NCO OF THE YEAR**

**SSG David C. Henderson**

**Small Group Leader**

**Chemical Basic Noncommissioned Officer Course**

**A capability, both vital and relevant,  
for the combatant commander, the joint  
warfight and the defense of the  
homeland**

- 1. Designed and tailored units trained and ready for immediate employment across the full spectrum of Joint operations to include the homeland**
- 2. Organizations and Soldiers at all levels technically proficient in detection, identification, and response to the full range of CBRN hazards**
- 3. Units designed and equipped to mask and protect the Joint force through the selective manipulation of the electromagnetic spectrum**
- 4. A forward-looking Joint force advocate continuously developing solutions for emerging threats and missions**

# **A Capability...**

- **Modular units manned, equipped and structured to support the transformed Army**
- **Organizations and Soldiers... technically proficient**
  - **Cascade high-end recon capability to Chemical units**
  - **Transition today's mounted recon into a multi-capable CBRN maneuver asset**
  - **Field unmanned ground and air systems**
- **On target, on demand Obscuration**
- **Robust Joint Combat Development Organization**

**A Capability, Both Vital and  
Relevant...**

# **Chief of Chemical Recognition of Excellence**

**Mr. Douglas W. Bryce, Sr.**

**Joint Project Manager, Individual Protection,  
Joint Program Executive Office, Chemical and  
Biological Defense**

# Where We Are Now

- **Vision vetted and being briefed to the Army**
- **Draft strategic capabilities**
- **DOTML-PF capability assessment/gap analysis**



# Way Ahead

- **Warfighter Conference - Review Gaps, Concepts and Recommendations - OCT 04**
- **Complete DOTML-PF capability assessment/gap analysis**
- **Conduct initial solutions drill**
- **Prioritize initial solutions**
- **Develop implementation plans/staff**
- **Submit plans and requirements for validation and approval**



# Chemical Corps Vision

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Chief of Chemical

